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What is claimed is:

1. An ejector pump comprising:

a flow path unit having formed therein a fluid discharge path
5 leading to a fluid outlet;

a nozzle body including a main fluid inlet port to which a
main fluid is inputted, a nozzle which has a nozzle outlet from which
a jet of the main fluid is emitted to the discharge path of said flow
path unit and then discharged from the fluid outlet, and a main fluid
10 flow path which has a length and communicates between the main
fluid inlet port and the nozzle outlet of the nozzle, physical energy of
the jet of the main fluid emitted from the nozzle serving to suck and
direct a sub-fluid to the discharge path of said flow path unit, said
nozzle body having a first sealing surface exposed to a portion of the
15 main fluid flow path; and

a needle disposed coaxially within the main fluid flow path,
said needle being slidable in a lengthwise direction of the main fluid
flow path to change an open area of the nozzle outlet, said needle
having a second sealing surface, when said needle is moved within
20 the main fluid flow path and brings the second sealing surface
thereof into abutment to the first sealing surface of said nozzle body,
the main fluid flow path being closed.

2. An ejector pump as set forth in claim 1, wherein said needle
25 is kept away from the nozzle upon the abutment of the second
sealing surface to the first sealing surface.

3. An ejector pump as set forth in claim 1, wherein said nozzle body has an inner wall forming the main fluid flow path, the inner wall having a shoulder defining the first sealing surface, and
5 wherein said needle has a shoulder defining the second sealing surface.

4. An ejector pump as set forth in claim 1, further comprising a heater working to add thermal energy to the main fluid, said heater
10 being disposed in a portion of said nozzle body which surrounds a location where the first sealing surface abuts the second sealing surface.

5. An ejector pump comprising:
15 a flow path unit having formed therein a fluid discharge path leading to a fluid outlet;
a nozzle body including a main fluid inlet port to which a main fluid is inputted, a nozzle which has a nozzle outlet from which a jet of the main fluid is emitted to the discharge path of said flow
20 path unit and then discharged from the fluid outlet, and a main fluid flow path which has a length and communicates between the main fluid inlet port and the nozzle outlet of the nozzle, physical energy of the jet of the main fluid emitted from the nozzle serving to suck and direct a sub-fluid to the discharge path of said flow path unit; and
25 a heater working to add thermal energy to the main fluid.

6. An ejector pump as set forth in claim 5, wherein said heater is disposed in a portion of a circumference of said nozzle body in which the main fluid inlet port is formed.

5 7. An ejector pump as set forth in claim 5, wherein said heater is implemented by a PTC heater.

8. An ejector pump as set forth in claim 5, wherein said heater is installed in said nozzle body, and wherein said nozzle body and
10 said pipe unit are made of separate members, respectively.

9. An ejector pump as set forth in claim 5, further comprising a needle movable in a lengthwise direction of the main fluid flow path to change an open area of the nozzle outlet and a drive unit working
15 to move the needle, and wherein said drive unit, said nozzle body, and the pipe unit are made of separate members, respectively.

10. A fuel cell system comprising:
a fuel cell working to produce an electrical energy arising
20 from chemical reaction of hydrogen with oxygen;
a hydrogen supply line through which a hydrogen gas is supplied from a hydrogen supply device to said fuel cell;
an off-gas circulation line working to circulate an off-gas, which is emitted from said fuel cell and contains an unreacted
25 portion of the hydrogen gas not subjected to the chemical reaction, to said fuel cell through said hydrogen supply line; and

an ejector pump installed in a junction of said hydrogen supply line and said off-gas circulation line, said ejector pump including (a) a flow path unit having formed therein a fluid discharge path leading to a fluid outlet, (b) a nozzle body including a main fluid inlet port to which the hydrogen gas supplied from the hydrogen supply device is inputted, a nozzle which has a nozzle outlet from which a jet of the hydrogen gas is emitted to the discharge path of said flow path unit and then discharged from the fluid outlet to said fuel cell through said hydrogen supply line, and a main fluid flow path which has a length and communicates between the main fluid inlet port and the nozzle outlet of the nozzle, physical energy of the jet of the hydrogen gas emitted from the nozzle serving to suck and mix the off-gas with the hydrogen gas emerging from the nozzle, said nozzle body having a first sealing surface exposed to a portion of the main fluid flow path, and (c) a needle disposed coaxially within the main fluid flow path, said needle being slidable in a lengthwise direction of the main fluid flow path to change an open area of the nozzle outlet, said needle having a second sealing surface, when said needle is moved within the main fluid flow path and brings the second sealing surface thereof into abutment to the first sealing surface of said nozzle body, the main fluid flow path being closed.

11. A fuel cell system comprising:
 - a fuel cell working to produce an electrical energy arising from chemical reaction of hydrogen with oxygen;
 - a hydrogen supply line through which a hydrogen gas is

supplied from a hydrogen supply device to said fuel cell;

an off-gas circulation line working to circulate an off-gas, which is emitted from said fuel cell and contains an unreacted portion of the hydrogen gas not subjected to the chemical reaction,

5 to said fuel cell through said hydrogen supply line; and

an ejector pump installed in a junction of said hydrogen supply line and said off-gas circulation line, said ejector pump including (a) a flow path unit having formed therein a fluid discharge path leading to a fluid outlet, (b) a nozzle body including a main fluid inlet port to

10 which the hydrogen gas is inputted, a nozzle which has a nozzle outlet from which a jet of the hydrogen gas is emitted to the discharge path of said flow path unit and then discharged from the fluid outlet to said fuel cell through said hydrogen supply line, and a main fluid flow path which communicates between the main fluid
15 inlet port and the nozzle outlet of the nozzle, physical energy of the jet of the hydrogen gas emitted from the nozzle working to suck and mix the off-gas with the hydrogen gas emerging from the nozzle, and
(c) a heater working to add thermal energy to the hydrogen gas.